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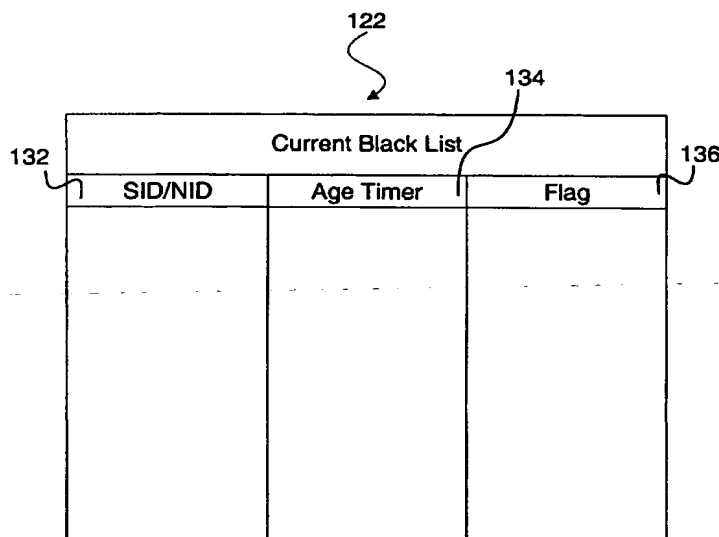
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- Declarations under Rule 4.17:**
- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG,*

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(54) Title: METHOD AND APPARATUS FOR PACKET DATA SERVICE DISCOVERY



(57) Abstract: A method and apparatus for packet data service discovery are described. A current blacklist comprising entries for wireless networks not providing packet data services (i.e. either not supporting the services or not having a packet data services roaming agreement) is kept in memory of the mobile device based on previous attempts to connect to such networks. Current preferred roaming lists identify whether a given wireless network can be acquired, but do not identify whether a data services roaming agreement exists. At least one of the following advantages is provided: no advance knowledge of data services roaming agreements is required; no mobile device software change is required when the data services roaming agreement changes; mobile device can notify a server of a wireless network status change; significant power savings at the mobile device; and avoid unnecessary network access, which in turn saves network resources and capacity.

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